

DOE/HRE -ID -187

**DOE READING ROOM  
DOCUMENT TO BE RELEASED**

T070305

1. Location of Reading Room: Idaho Operations Public Reading Room 1776 Science Center Dr. University Place Idaho Falls, ID 83403	2. Expected Release Date: May 15, 1995
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3. Document Type:

- ☒ Letter  
☐ Memorandum  
☐ Report  
☐ Publication  
☐ Other (Specify)

a. If letter or memo:

To: Joseph Rosenberg, Technical Products Div.  
From:  
Subject: PURCHASE ORDER NO. C-3357

b. If report:

Title:

4. Document Date:

10-8-65

c. If publication:

Name:  
Volume:  
Issue:

5. Summary (2-3 lines indicating the major subject(s) of the document): Report of inspection of defective shipment: condition of ampules, seals; declearation that the ampules were leaking when placed on board. (Shipment was intended for use in skin absorption test).

6. Name and telephone number of person completing form:  Thomas L. Baccus (208) 525-0696	7. Organization:  Lockheed Idaho Technologies Co.	8. Date:  March 28, 1995
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☐ Check here if a copy of the document is being sent to Headquarters.

## HUMAN RADIATION EXPERIMENTS

## RECORDS PROVENANCE FORM

REPOSITORY NAME	INEL
COLLECTION NAME	OFFICE OF CHIEF COUNSEL SUBJECT FILES
BOX NUMBER	INEL BOX NO. 23399
ADDITIONAL LOCATION INFORMATION	THE BOX IS STORED AT CFA-674-E RECORDS HOLDING AREA, LOCATION, UT6B THE RECORD STORAGE RECEIPT NUMBER IS 2613  FOLDER: SAFETY-16 IODINE RADIATION EXPERIMENTS
FILE TITLE	PURCHASE ORDER NO. C-3357
TOTAL PAGES	
BATE NUMBER RANGE	
DOCUMENT NUMBER RANGE	

HEI FORM DOCUMENT NO.: T070050

DOCUMENT NO.: T070305

DOCUMENT TITLE: PURCHASE ORDER NO. C-3357

CROSS REFERENCES:

ITEMS OF INTEREST:

DRAFT OCC:JXC:fw 10-8-65  
RLH

*Handwritten signature*  
10/8/65

Tracerlab, Inc.  
1601 Trapelo Road  
Waltham 54, Massachusetts 02154

Attention: Mr. Joseph Rosenberg, Manager  
Technical Products Division

Subject: Purchase Order No. C-3357

Gentlemen:

In furtherance of our teletype to you dated 9/24/65,  
and pursuant to the request of the Idaho Operations Office of the  
Atomic Energy Commission, there is set forth below certain additional  
information supporting the basis for our rejection of the radioactive  
methyl iodide shipment.

1. There was indication of fire polished openings in the seal of at least one ampule. There may have been such openings in other ampules but this could not be definitely established since some seals were broken. All of the ampules had small, usually jagged openings near the top of the Seals or fire polished openings indicating the ampules were never sealed.
2. Carbon deposits in the seals of all ampules were evident. Thus, the seals were unusually fragile and thin. (See the four attached photographs.)
3. The polyethylene bottles in which the ampules had been placed were capped; however, only one of the caps was tight. The four remaining bottles were loosely capped and two of the caps appeared to be cross-threaded.

REPOSITORY

INEL

COLLECTION OFFICE OF CHIEF COUNSEL SUBJECT FILE  
23399, UT6B CFA 674E

BOX No. FILE: SAFETY-16 IODINE RADIATION EXPERIMENT

FOLDER

PURCHASE ORDER No. C-3357

4. One of the ampules was empty when unpacked and the other four contained liquid in amounts varying from about one-half to about five ml. Shortly after unpacking all of the liquid in the ampules evaporated.
5. Measured thyroid depositions established that the shipment was leaking radioactive iodine prior to being loaded aboard the UAL cargo plane at Newark, New Jersey airport on September 9, 1965.

Pursuant to your teletype of 9/30/65, we are retaining the containers for your inspection. Mr. D. B. Holzgraf of Union Carbide inspected the containers and discussed this matter with AEC and Phillips' personnel on October 6, 1965. Should you or your representative be in this area, we would be pleased to discuss this further with you as well.

Very truly yours,

Enclosures:

Photographs (4) 8 x 10 Phillips Petroleum Company  
Nos. NRTS-65 4732, 4754, 4743 and 4731

cc: Union Carbide, w/o encls.

ATTN: Mr. P. M. Stier

P. O. Box 324

Tuxedo, New York 10987